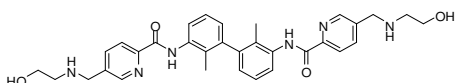




Certificate of Analysis

Axon Catalogue ID: 3433 **Batch Number:** 1
Product Name: ARB-272572
Alternative Name(s): PD-L1 inhibitor compound A
IUPAC Name: N,N'-(2,2'-Dimethylbiphenyl-3,3'-diyl)bis(5-((2-hydroxyethylamino)methyl)picolinamide)

Structure:



Amount:

CAS number(s): 2368182-63-0
Molecular Formula: C32H36N6O4 **Molecular Weight:** 568.67
Batch Molecular Formula: C32H36N6O4.0.75H2O **Batch Molecular Weight:** 582.18
Appearance: White solid **Observed mp:** 159 - 160 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.02, H 6.49, N 14.44; Found: C 65.87, H 6.26, N 14.37
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	18.0	30.9	
	DMSO	58.2	>100 mM	
	EtOH	3.2	5.5	* Warming (40°C) and sonication

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 27-1-2022

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only